

Amendments to the Specification:

Please replace paragraph [0002] with the following rewritten paragraph:

[0002] Various types of fuel cells have been proposed to date. For example, ~~Patent Citation 1~~ teaches a fuel cell wherein a palladium series metal film is disposed on the anode side of an electrolyte layer having proton conductivity is known. According to this fuel cell, ~~Patent Citation 1~~, by joining a hydrogen permeable metal film to the electrolyte membrane, it becomes possible for a reformed gas that has not been refined to a high degree of purity, to be supplied directly to the anode as the fuel gas. As another arrangement wherein the electrolyte layer is joined with a palladium series metal or other hydrogen-permeable metal film, an arrangement employing a proton conductive solid electrolyte would be possible as well.